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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Applicant:

Edouard A. Mamedov *et al.*

Filed: June 11, 1999

Serial No.: 09/330,690

For: Catalyst System For Oxidative  
Dehydrogenation Of Paraffins

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Art Unit: 1755

Examiner: Elizabeth D. Wood

Docket No.: A98322US

RESPONSE AND AMENDMENT

BOX NON FEE AMENDMENTS

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action (Paper No. 3) dated June 5, 2000, this Response and Amendment is timely filed on or before Tuesday, September 5, 2000.

IN THE CLAIMS

Please cancel claim 2.

1. (Once Amended) A catalyst composition for the oxidative dehydrogenation of a compound having at least two adjacent carbons atoms bonded to one another and each carbon atom having at least one hydrogen atom bonded thereto comprising



wherein A is an alkali or alkaline earth metal; B is one or more optional elements selected from zinc, cadmium, lead, nickel, cobalt, iron, chromium, bismuth, gallium, niobium, tin and neodymium; and a is 0 to 0.3, b is 0 to 5, c is 0.5 to 10, d is 1, e is 3 to 10,  $7 \leq a+b+c+d+e \leq 25$ , and x is determined by the valence requirements of the elements present and wherein the catalyst composition is of an amorphous structure.

REMARKS

Claims 1-20 were filed in the application. Claims 1-10 were pending after entry of the election in response to the restriction requirement made on February 2, 2000. Claims 11-20 are cancelled, without prejudice, subject to the potential filing of a divisional

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